

provide a dose of medicament to the inhalation channel, to be in physical contact with said contact element and cause movement of the contact element of said at least one switch between said first open position and said second closed position.

6. (Twice Amended) An inhaler for administering medicament by inhalation, comprising:

an inhalation channel;

a rotatable dosing unit which includes at least one dosing element for providing a dose of medicament to the inhalation channel; and

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a dose counting unit which comprises an electronic display that displays usage of said inhaler, an electrical circuit for counting each dose of medicament provided to the inhalation channel and driving the display so as to provide an indication as to said usage of the inhaler, the electrical circuit including at least one switch which comprises a contact element that is movable between a first open position and a second closed position when a dose of medicament is provided to the inhalation channel, and a rotatable member connected to the dosing unit so as to be rotatable therewith, the rotatable member including at least one cam surface which includes at least one cam, each cam on each cam surface being configured, on rotation of the dosing unit to provide a dose of medicament to the inhalation channel, to cause movement of the contact element of the respective at least one switch between said first open position and said second closed position,

wherein the electrical circuit includes a first switch which comprises a first contact element and a second switch which comprises a second contact element and the rotatable member includes first and second cam surfaces which each include at least one cam which is configured to cause movement of a respective one of the first and second contact elements from one said position to another said position,

wherein the corresponding cams on the first and second cam surfaces are rotationally offset in relation to one another such that one of the first and second switches is one of opened or closed before the other,

wherein the cams on the first and second cam surfaces are rotationally offset such that, on rotation of the rotatable member, in a first phase of rotation one of the first and second switches is closed and the other of the first and second switches is open, in a second phase of rotation the

first and second switches are closed, in a third phase of rotation the one of the first and second switches is open and the other of the first and second switches is closed, and in a fourth phase of rotation the first and second switches are open, and the electrical circuit is configured to count only when this sequence of closing and opening the first and second switches is followed.

16. (Amended) An inhaler for administering medicament by inhalation, comprising:
a housing member extending along a longitudinal axis, said housing member having an opening;

an inhalation channel member within said housing member extending substantially parallel to said longitudinal axis, said inhalation channel member having an inlet, a middle portion, and an outlet portion;

a rotatable dosing unit within said housing which includes at least one dosing element for providing a dose of medicament to said inlet of said inhalation channel member; and

a dose counting unit including a rotatable member connected to the dosing unit so as to be rotatable therewith, said rotatable member having a cam and being located adjacent to said middle portion within said housing, said dose counting unit also including an electronic circuit that includes a switch with a contact element located within the path of travel of said cam so as to be displaced between a first open position and a second closed position when a dose of medicament is provided to the inhalation channel, said circuit counting doses provided to said inhalation channel, said dose counting unit including an electronic display that is aligned with said opening in said housing, is connected to said electrical circuit and displays an indication of doses supplied to said inhalation channel of said inhaler.
